



Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
1377-0188PAPPLICATION NO.
10/603,865APPLICANT
John K. COLLINS et al.FILING DATE
June 26, 2003GROUP
1651**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 4,347,240		1982-08-31	Mutai et al.			
	US 5,032,399		1991-07-16	Gorbach et al.			
	US 6,132,710		2000-10-17	Panigrahi et al.			

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
	WO	90/01335	A1	1990-02-22	PCT				
	WO	90/09398	A1	1990-08-23	PCT				
	WO	97/35596	A1	1997-10-02	PCT				
	WO	98/00035	A1	1998-01-08	PCT				
	JP	9-241173	A	1997-09-16	JAPAN			w/abs.	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Gardiner et al., <i>Applied and Environment Microbiology</i> , Vol. 64, No. 6, pp. 2192-2199 (June 1998)
	J. K. Collins et al., <i>Ini. Dairy Journal</i> , Vol. 8, pp. 487-490, (1998)
	William P. Charteris et al., <i>International Journal of Food Microbiology</i> , Vol. 35, pp. 1-27, (1997)
	Seppo Salminen et al., <i>International Journal of Food Microbiology</i> , Vol. 44, pp. 93-106, (1998)
	C. Stanton et al., <i>Int. Dairy Journal</i> , Vol. 8, pp. 491-496 (1998)
	Collins et al., Demonstration of the Nutritional Functionality of Probiotic Foods FAIR-CT96-1028, Functional Food Research In Europe, 3 rd Workshop, Haikko Manor, Finland, pp. 40-41 (October 1-2, 1998)
	Morrissey et al., "Selection of a probiotic strain to modify human gut flora and a controlled trial of delivery and efficacy," <i>Irish Journal of Medical Science</i> , Vol. 167, Supplement 8 (1998); Abstract from meeting of Irish Society for Gastroenterology, June 12-13, 1998
	Sarem-Damerджи et al., <i>FEMS Microbiology Letters</i> , Vol. 131, pp. 133-137 (1995)
	O'Sullivan et al., The Human Gut as a Source of Probiotic Bacteria - Myth or Reality?, <i>Irish Journal of Medical Science</i> , Vol. 162, Suppl. 11, p. 25, National Scientific Medical Meeting, March 18-20, 1993

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449				ATTY. DOCKET NO. 1377-0188P		APPLICATION NO. 10/603,865	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT John K. COLLINS et al.			
				FILING DATE June 26, 2003		GROUP 1651	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 6,077,504	A	2000-06-20	Cavaliere ved. Vesley et al.			
FOREIGN PATENT DOCUMENTS							
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.							
	Bouhnik, <i>Lait</i> , Vol.73, pp. 241-247, (1993) (Abstract provided)						
	Vaughan et al., <i>Journal of Applied Bacteriology</i> , Vol. 76, pp. 118-123, (1994)						
	Prof. Kevin Collins, VTT Symposium 167, 1 st Workshop, FAIR CT96-1028, Probdemo, Probiotic Lactobacilli - Towards Defining Selection and Functional Criteria, p. 27 (1996)						
	Collins et al., J. Roy Soc. Med International Congress and Symposium Series 219 - Roy. Society of Medicine Press, 219:13-17 (1996)						
	Daly et al., "Biotechnology of lactic acid bacteria with special reference to bacteriophage resistance" (in <i>Lactic Acid Bacteria: Genetics, Metabolism and Applications</i>), Antonie van Leeuwenhoek, Vol. 70, pp. 99-110 (1996)						
	Huis In't Veld et al., International Congress and Symposium Series 219, pp. 27-36, (1996)						
	Kawakami et al., <i>The Journal of Immunology</i> , Vol. 132, No. 5, pp. 2578-2581 (May 1984)						
	Rowland, Toxicology of the Colon: Role of the Intestinal Microflora, In: Gibson G.R. (ed.) <i>Human Colonic bacteria: Role in nutrition, physiology and pathology</i> , 1995, pp. 155-172, Boca Raton CRC Press						
	Legrand-Defretina et al., <i>LIPIDS</i> , Vol. 26, No. 8, pp. 578-583, (1991)						
	Oksanen et al., <i>Annals of Medicine</i> , Vol. 22, pp. 53-56, (1990)						
	Walker, "New Strategies for Mucosal Vaccination," <i>Vaccine</i> , Vol. 12, pp. 387-400 (1994)						
	Isolauri et al., <i>Digestive Diseases and Sciences</i> , Vol. 39, No. 12, pp. 2595-2600 (December 1994)						
	Gibson, <i>Br. Journal of Nutrition</i> , Vol. 80, Suppl. 2, pp. S209-S212 (1998)						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449				ATTY. DOCKET NO. 1377-0188P		APPLICATION NO. 10/603,865	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT John K. COLLINS et al.			
				FILING DATE June 26, 2003		GROUP 1651	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
FOREIGN PATENT DOCUMENTS							
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS
						TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)							
	Groot, <i>The Veterinary Quarterly</i> , Vol. 20, Suppl. 3, pp. S45-S49, (June 1998)						
	Kato et al., <i>Life Sciences</i> , Vol. 63, No. 8, pp. 635-644, (1998)						
	Raychaudhuri et al., "Fully Mobilizing Host Defense: Building Better Vaccines," <i>Nat biotechnol.</i> , 16:1025-1031 (1998)						
	Steidler et al., <i>Infection and Immunity</i> , Vol. 66, No. 7, pp. 3183-3189 (July 1998)						
	McFarland et al., <i>Anaerobe</i> , Vol. 3, pp. 73-78 (1997)						
	Henderson et al., (Cytokines, homeostasis, networks and disease) In: <i>Bacteria Cytokine Interactions In Health and Disease</i> , Portland Press, pp. 79-132 (1998)						
	Tagg et al., <i>Bacteriological Reviews</i> , Vol. 40, No., 3, pp. 722-756 (Sept. 1976)						
	Collins et al., "Demonstration of probiotic function in a double blind placebo controlled clinical trials in adults," 3 rd Workshop, Demonstration of the Nutritional Functionality of Probiotic Foods, FAIR-CT96-1028, Functional Food Research in Europe, Haikko Manor, Finland, pp. 40-41 (October 1-2, 1998)						
	Siitonen et al., <i>Ann. Med.</i> , Vol. 22, pp. 57-59 (1990)						
	Charteris et al., <i>Journal of Food Protection</i> , Vol. 61, No. 12, pp. 1636-1643 (1998)						
	Dekker et al., <i>Chromatographia</i> , Vol. 31, No. 11/12, pp. 549-553 (June, 1991)						
	O'Sullivan et al., "Isolation and selection of normal gut microflora for use as prophylactic probiotic agents," <i>Irish Journal of Medical Science</i> , Irish Society of Gastroenterology, p. 420 (Proceedings of meeting held in Dublin, 7 th and 8 th June, 1991)						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449				ATTY. DOCKET NO. 1377-0188P		APPLICATION NO. 10/603,865	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT John K. COLLINS et al.			
				FILING DATE June 26, 2003		GROUP 1651	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
FOREIGN PATENT DOCUMENTS							
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS TRANSLATION YES NO
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.							
	Vaughan et al., <i>Journal of Applied Bacteriology</i> , Vol. 73, pp. 299-308 (1992)						
	Savage, D.C., Interaction between host and its microbes. In: <i>Microbial Ecology of the Gut</i> , Clark and Bauchop (eds), Academic Press, London, pp. 277-310 (1977)						
	Charteris et al., <i>Journal Applied Microbiology</i> , Vol. 84, pp. 759-768, (1998)						
	Mattila-Sandholm, VTT Symposium 173, Novel Methods for Probiotic Research, Technical Research Center of Finland, 2 nd Workshop, FAIR CT96-1028, Probdemo, pp. 11-15, Espoo, Finland (1997)						
	Lucey et al., <i>Food Science and Technology Today</i> , Vol. 11, No. 4, pp. 230-233, (1997)						
	Shanahan et al., "Grand Entry for Listeria," <i>Gastroenterology</i> , Vol. 112, No. 3., pp. 1045-1046 (1997)						
	Thornton et al., "Determination of stringent criteria essential to the survival/growth/colonization of probiotic human intestinal tract bacteria," Book of Abstracts, European Commission Biotechnology and Fair Programmes, Conference on Lactic Acid Bacteria, Cork, Ireland (October 22-26, 1995)						
	Collins, "Selection of Probiotic Strains and Potential Therapeutic Applications," Book of Abstracts, European Commission Biotechnology and Fair Programmes, Conference on Lactic Acid Bacteria, Cork, Ireland, p. 3 (October 22-26, 1995)						
	Thornton et al., "The production of a novel anti-microbial substance by human intestinal microflora," <i>Irish Journal of Medical Science</i> , Supplement with Irish Society of Gastroenterology, Proceedings of Poster Section of Meeting held in Cork, pp. 603-604 (June 3-4, 1994)						
	O'Sullivan et al., "Probiotic bacteria in the human gastro intestinal tract (Myth or Reality)," <i>Irish Journal of Medical Science</i> , Supplement with Proceedings with the Irish Society of Gastroenterology Meeting, Winter Meeting held December 4-5, 1992 in Beaumont Hospital, Dublin						
	Chauviere et al., <i>Journal of General Microbiology</i> , Vol. 138, pp. 1689-1696 (1992)						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449				ATTY. DOCKET NO. 1377-0188P		APPLICATION NO. 10/603,865		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				APPLICANT John K. COLLINS et al.				
				FILING DATE June 26, 2003		GROUP 1651		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	US							
FOREIGN PATENT DOCUMENTS								
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.								
	Thornton et al., <i>Gasterentology</i> , Vol. 108, No. 4, p.A928 (April 1995)							
	O'Halloran et al., <i>International Dairy Journal</i> , Vol. 8, No. 5/6, (published October 16, 1998); Abstract from meeting held in Cork, Ireland 30 Sept-2 Oct 1997.							
	Flynn et al., <i>International Dairy Journal</i> , Vol. 8, No. 5/6, (published October 16, 1998); Abstract from meeting held in Cork, Ireland 30 Sept-2 Oct 1997.							
	Gardiner et al., <i>International Dairy Journal</i> , Vol. 8, No. 5/6, p. 597 (published October 16, 1998); Abstract from meeting held in Cork, Ireland 30 Sept-2 Oct 1997.							
	Murphy et al., <i>International Dairy Journal</i> , Vol. 8, No. 5/6, (published October 16, 1998); Abstract from meeting held in Cork, Ireland 30 Sept-2 Oct 1997.							
	Thornton et al., "Human intestinal probiotic bacteria: Production of anti-microbial factors," <i>Irish Journal of Medical Science</i> , Supplement with Proceedings of the Irish Society of Gastroenterology, pp.362-363, Proceedings of Meeting Held in Craigavon on May 28-29 (1993)							
	Thornton et al., "Bile acid tolerance and deconjugating activity of lactobility," <i>Irish Journal of Medical Science</i> , Supplement with Proceedings of the Irish Society of Gastroenterology, Proceedings of Winter Meeting, Dublin, November 25-26, 1994, p. 578							
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								